

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/008307 A2

(51) International Patent Classification⁷: G02B 6/44, 6/50

(21) International Application Number:
PCT/CA2004/001043

(22) International Filing Date: 16 July 2004 (16.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/487,595 17 July 2003 (17.07.2003) US

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AI, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

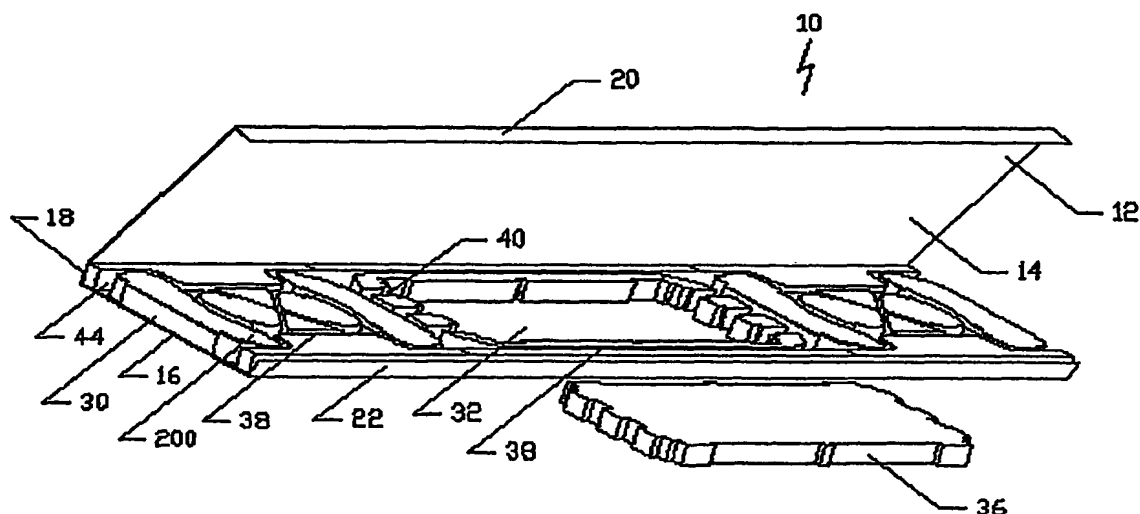
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

[Continued on next page]

(54) Title: SURFACE INLAID FIBRE OPTIC NETWORK INSTALLATIONS



(57) Abstract: A system for protecting buried optic fibre nodes which permits surface inlay installation of cable without the need to expose free ends of the cable for threading through any apertures, includes a protective housing composed of spaced apart panels which define an interior space. The panels open to expose the interior for installation of a length of cable therein. An insert fits within the space, which includes a channel which is exposed when the panels open for insertion of a cable. The insert includes a void to receive a cable junction box. A removable protective outer casing may be provided, either in the form of a pair of outer walls with a removable cap or base, or a can-like container having a removable top and two or more opposed slots communicating with the upper rim of the container. The housing fits within the container, with the cable entering and exiting through the slots, which also permit a saw cut to pass through the slots to facilitate installation of the system. The system also includes a pre-assembled cable network including nodes, cable and housings that may be buried within trenches cut into a surface.



WO 2005/008307 A2

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/008307 A3

(51) International Patent Classification⁷: **G02B 6/44, 6/50**

(21) International Application Number:
PCT/CA2004/001043

(22) International Filing Date: 16 July 2004 (16.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/487,595 17 July 2003 (17.07.2003) US

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AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

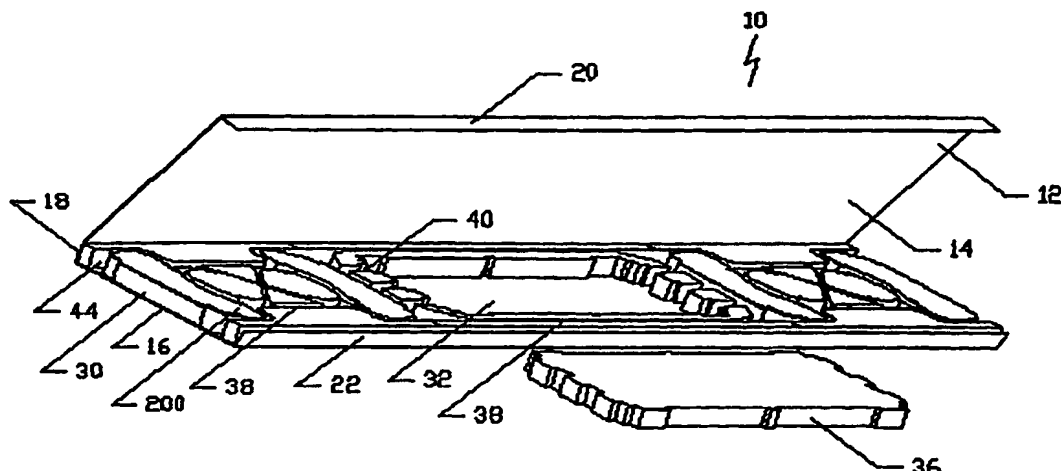
Published:

— with international search report

(88) Date of publication of the International search report:
6 May 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **JUNCTION BOX HOUSINGS FOR SURFACE INLAID FIBRE OPTIC NETWORK INSTALLATIONS**



(57) Abstract: A system for protecting buried optic fibre nodes which permits surface inlay installation of cable without the need to expose free ends of the cable for threading through any apertures, includes a protective housing (10) composed of spaced apart panels (14,16) which define an interior space. The panels open to expose the interior for installation of a length of cable (50) therein. An insert (30) fits within the space, which includes a channel (38) which is exposed when the panels (14,16) open for insertion of a cable. The insert includes a void (32) to receive a cable junction box (34). A removable protective outer casing may be provided, either in the form of a pair of outer walls with a removable cap or base, or a can-like container having a removable top and two or more opposed slots communicating with the upper rim of the container. The housing fits within the container, with the cable entering and exiting through the slots, which also permit a saw cut to pass through the slots to facilitate installation of the system. The system also includes a pre-assembled cable network including nodes, cable and housings that may be buried within trenches cut into a surface.



WO 2005/008307 A3